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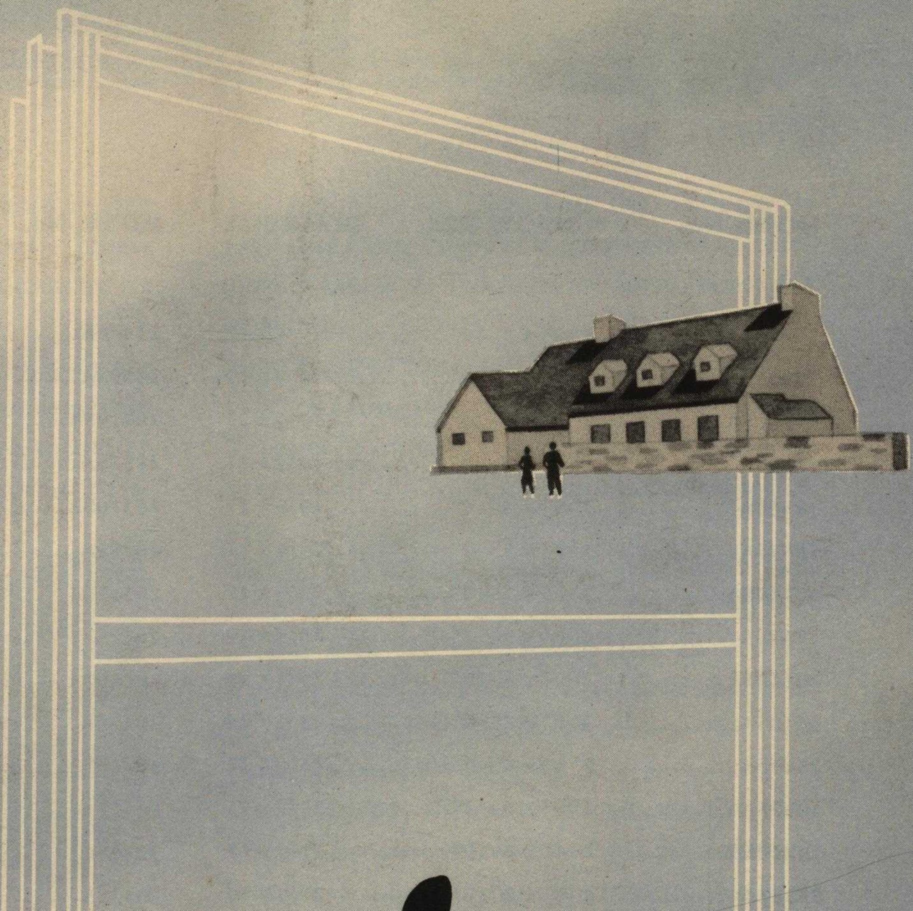


Premier

double-hung aluminum windows

with aluminum or wood frames

Distributor

PREMIER SUPPLY CO., INC.

9914 CLAYTON ROAD ST. LOUIS 17, MO.

Phone WYdown 0813

SIZES . . PREMIER ALUMINUM

MODEL No.	WINDOW SIZE	GLASS SIZE
18210SA	1'-8" x 2'-10"	19½ x 17
1832SA	1'-8" x 3'- 2"	19½ x 19
18310SA	1'-8" x 3'-10"	19½ x 23
1840SA	1'-8" x 4'- 0"	19½ x 24
1846SA	1'-8" x 4'- 6"	19½ x 27
1852SA	1'-8" x 5'- 2"	19½ x 31
20210SA	2'-0" x 2'-10"	23½ x 17
2032SA	2'-0" x 3'- 2"	23½ x 19
20310SA	2'-0" x 3'-10"	23½ x 23
2040SA	2'-0" x 4'- 0"	23½ x 24
2046SA	2'-0" x 4'- 6"	23½ x 27
2052SA	2'-0" x 5'- 2"	23½ x 31
24210SA	2'-4" x 2'-10"	27½ x 17
2432SA	2'-4" x 3'- 2"	27½ x 19
24310SA	2'-4" x 3'-10"	27½ x 23
2440SA	2'-4" x 4'- 0"	27½ x 24
2446SA	2'-4" x 4'- 6"	27½ x 27
2452SA	2'-4" x 5'- 2"	27½ x 31
28210SA	2'-8" x 2'-10"	31½ x 17
2832SA	2'-8" x 3'- 2"	31½ x 19
28310SA	2'-8" x 3'-10"	31½ x 23
2840SA	2'-8" x 4'- 0"	31½ x 24
2846SA	2'-8" x 4'- 6"	31½ x 27
2852SA	2'-8" x 5'- 2"	31½ x 31
30210SA	3'-0" x 2'-10"	35½ x 17
3032SA	3'-0" x 3'- 2"	35½ x 19
30310SA	3'-0" x 3'-10"	35½ x 23
3040SA	3'-0" x 4'- 0"	35½ x 24
3046SA	3'-0" x 4'- 6"	35½ x 27
3052SA	3'-0" x 5'- 2"	35½ x 31

AFFIX SA DENOTES SASH ONLY
TO ORDER FRAMES USE AFFIX FM

MANUFACTURERS AND DISTRIBUTORS

Western Territory
and Exclusive Export Distributor

HOLISTER
COIL SPRING MANUFACTURING COMPANY
955 E. Slauson Avenue
Los Angeles 11, California

Eastern Territory

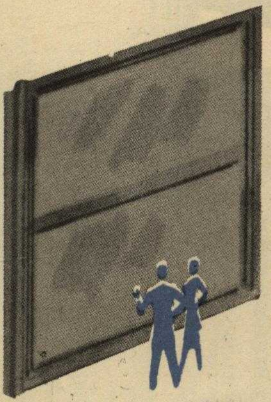
CLARK-BABBITT INDUSTRIES, Inc.
75 Federal Street, Boston 10, Mass.

WINDOWS . .

GENERAL INFORMATION . .

● The Aluminum Windows described in this booklet are manufactured by Premier Metal Products Corp. and are merchandised by its authorized distributors.

MODELS: Premier Aluminum Windows are of double hung manufacture and are available in either two-light or four-light type, the latter being equipped with horizontal cut-up bars. Thirty sizes are available, the minimum size being 1′8″ x 2′10″ and the maximum 3′0″ x 5′2″. Twenty-five of the thirty available sizes are modular as defined by the American Standards Association; the remaining five are in standard use.



MATERIAL: Premier Windows are manufactured from 63S-T5 extruded aluminum alloy shapes having a minimum tensile strength of 22,000 pounds per square inch. Design of the extruded material is selected to give best results in manufacture and in the subsequent life and appearance of the window. Premier Windows are absolutely rustproof.

CONSTRUCTION: Premier Aluminum Windows are so constructed as to give maximum service. Windows are glazed with double strength glass, type B, and are set with Everseal rubber; no putty is required. Frame joints are securely fastened on the "mortise and tenon" principle, and the window is available from Premier's distributors in completely assembled and glazed form, ready for installation.

WEATHERSTRIPPING: Built-in stainless steel weatherstripping is included in all Premier Windows and is of such design as to prevent air infiltration within accepted standards.

SASH BALANCES: Spring type sash balances concealed within the extruded side rails of the sash are cadmium plated to prevent deterioration, and afford easy, free operation of the sash. No head clearance for sash balances need be allowed.

HARDWARE: Premier Windows are furnished by authorized distributors with all hardware necessary for installation and subsequent operation of the window. This includes screws; frame, brick, brick-veneer or masonry ties; and locking device.

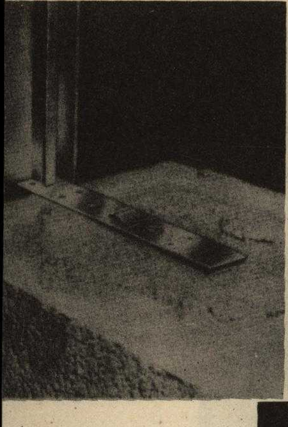
INSTALLATION: Premier Windows are best suited for residential use. Premier Sash is obtainable in either wood or Aluminum Frames, and is adaptable to all the standard types of construction.

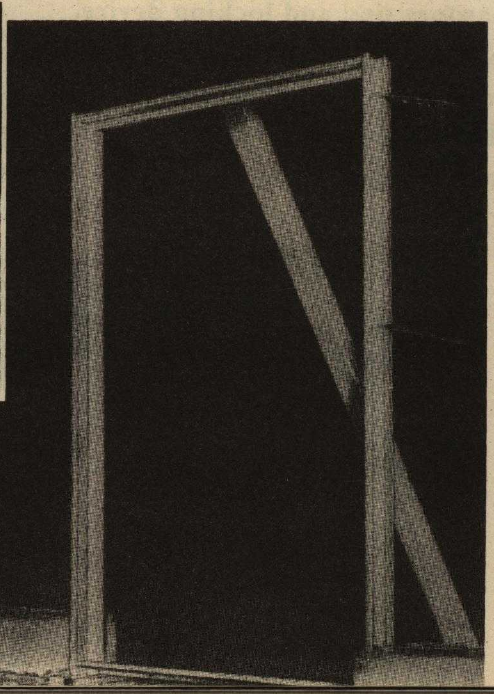
These two pages present general procedure to follow for installing Premier Sash and Aluminum Frames in masonry construction. Naturally some variation from the technique illustrated here is to be expected in certain localities. However, these step-by-step pictures plus detail drawings on following pages will insure correct results in the installation of Premier Aluminum Sash and Aluminum Frames.

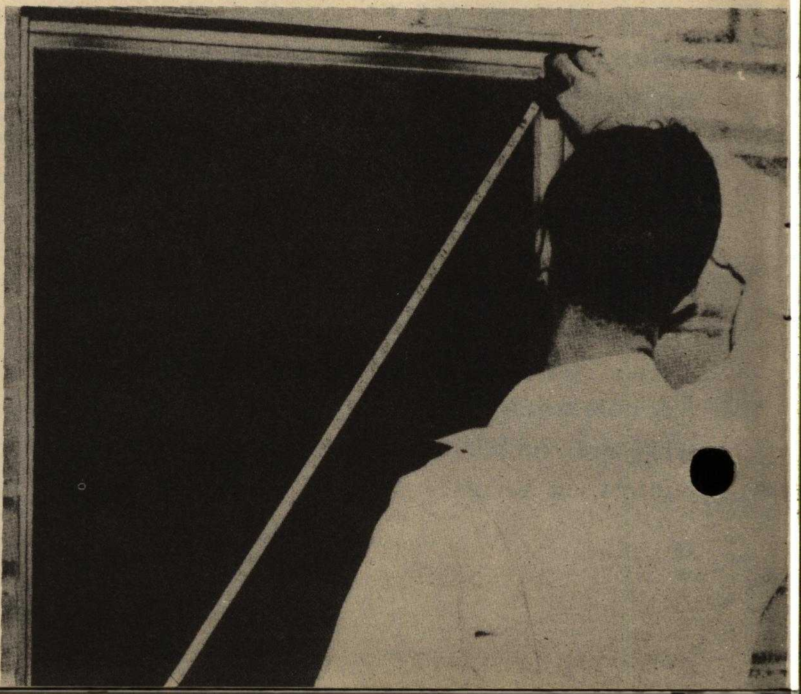
INSTALLATION PROCEDURE FOR PREMIER ALUMINUM WINDOWS

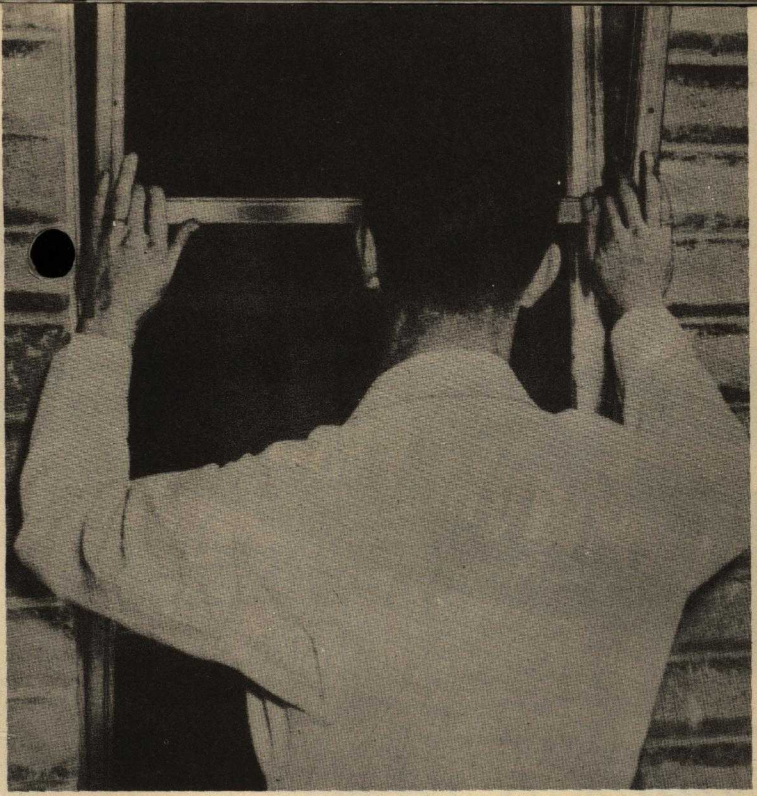
..ALUMINUM FRAMES

- Use 3 brick ties on each side of every frame. Set the ties as illustrated in the small photograph below.
- Be sure frame is absolutely square to insure proper operation of the installed window.

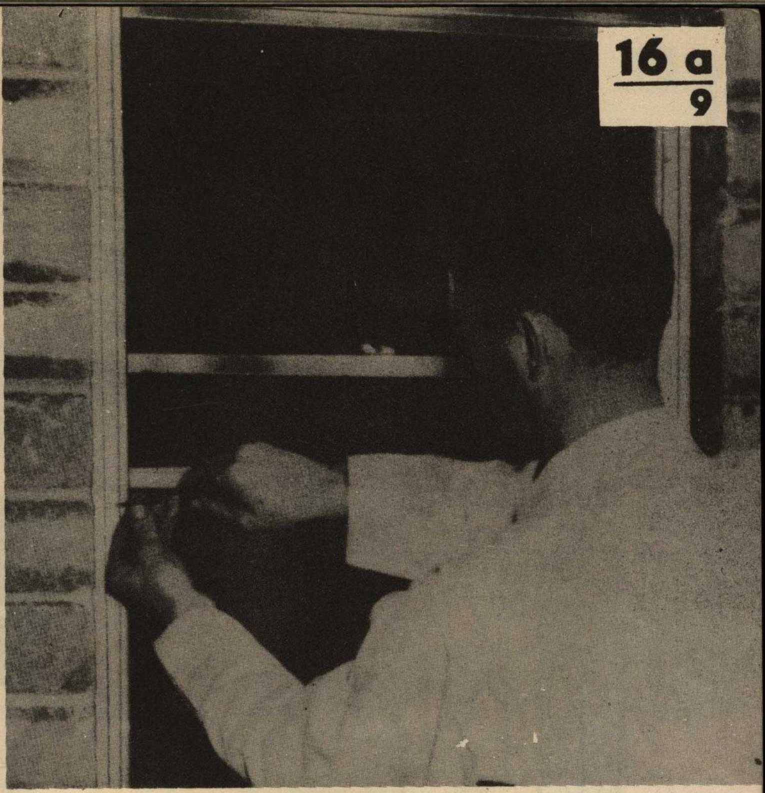




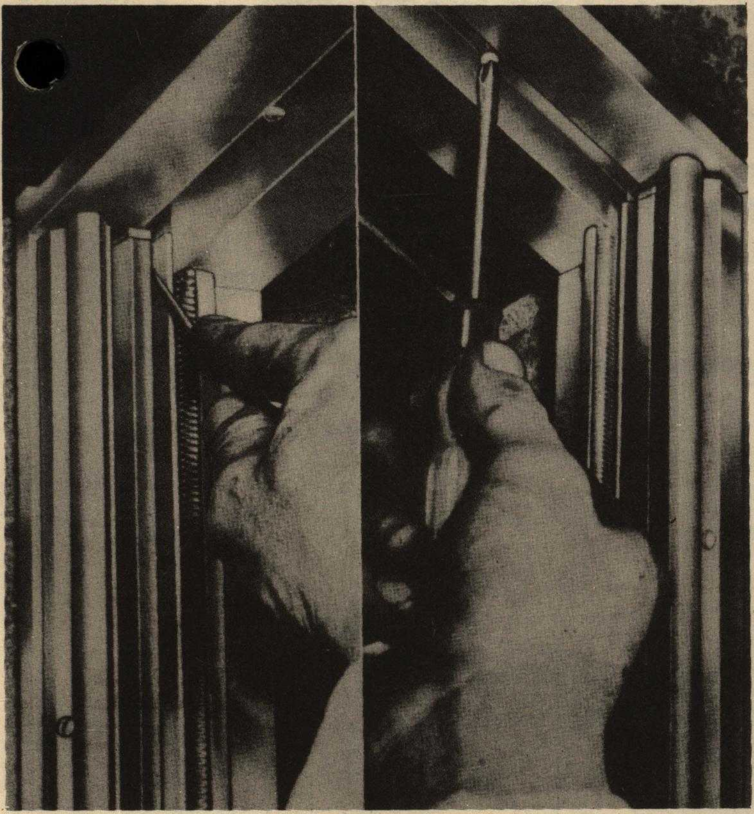




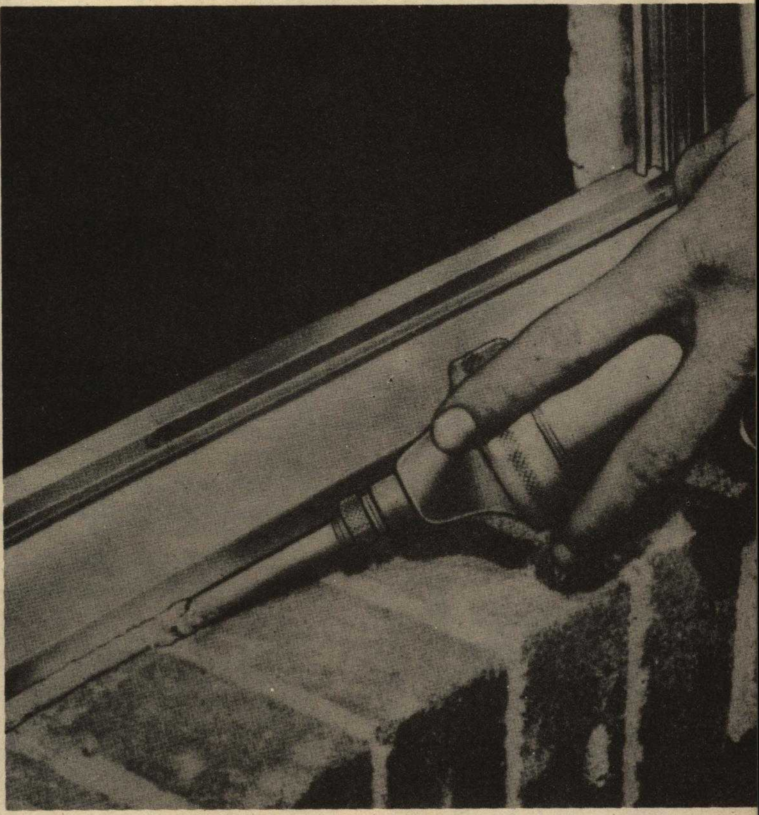
Set sash into frame as illustrated. Be sure to maintain a firm grip on both panes.



Install screws in side rails; center first, then top and bottom.



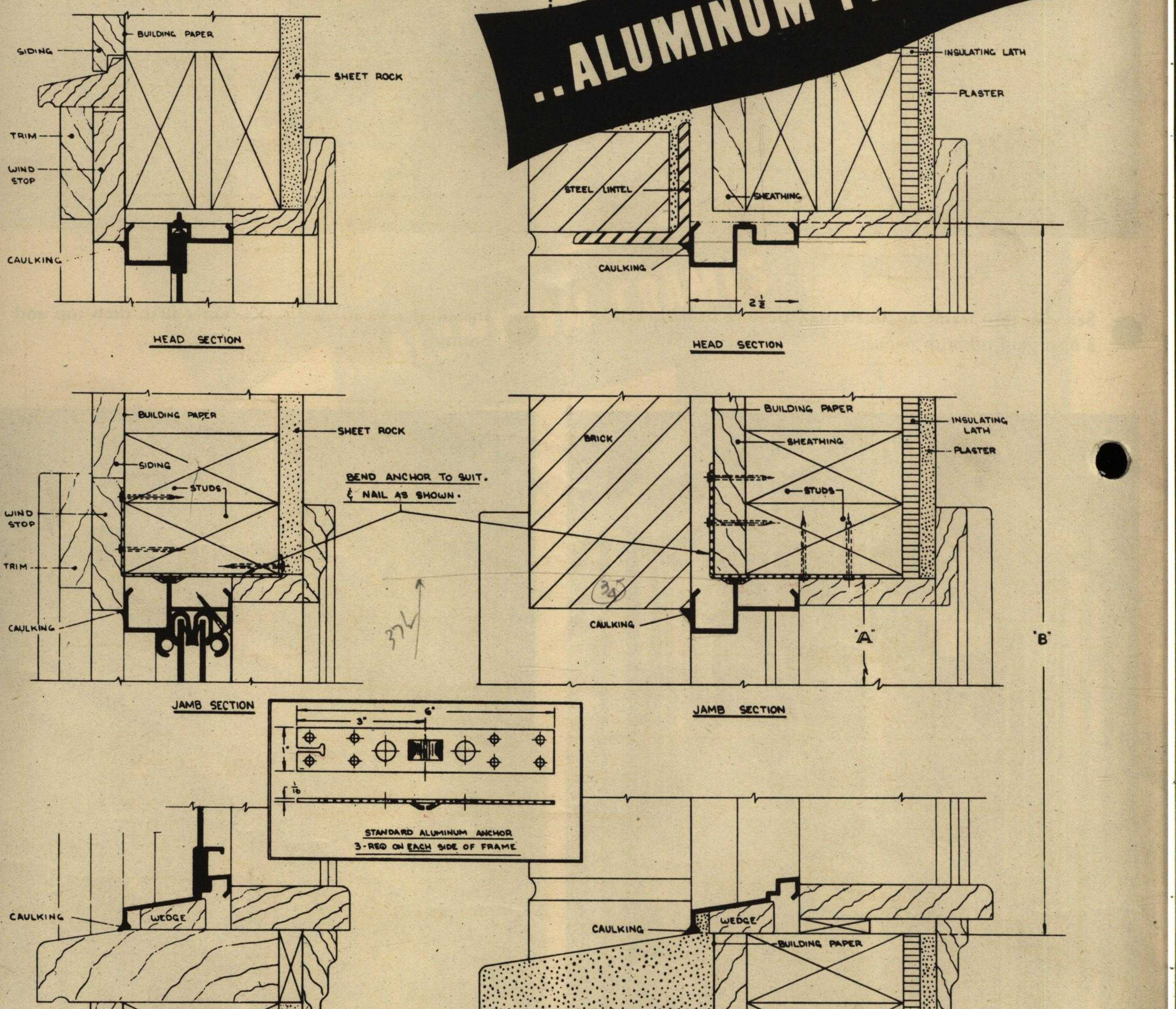
Adjust weatherstripping (left) for desired tension. Upper six inches on both side rails should be flared enough to insure proper operation of the window. Header screws (right) should be adjusted to give tight fit at top and bottom when window is in locked position.



A good grade of caulking compound should be applied with a caulking gun around entire frame.

TYPICAL A

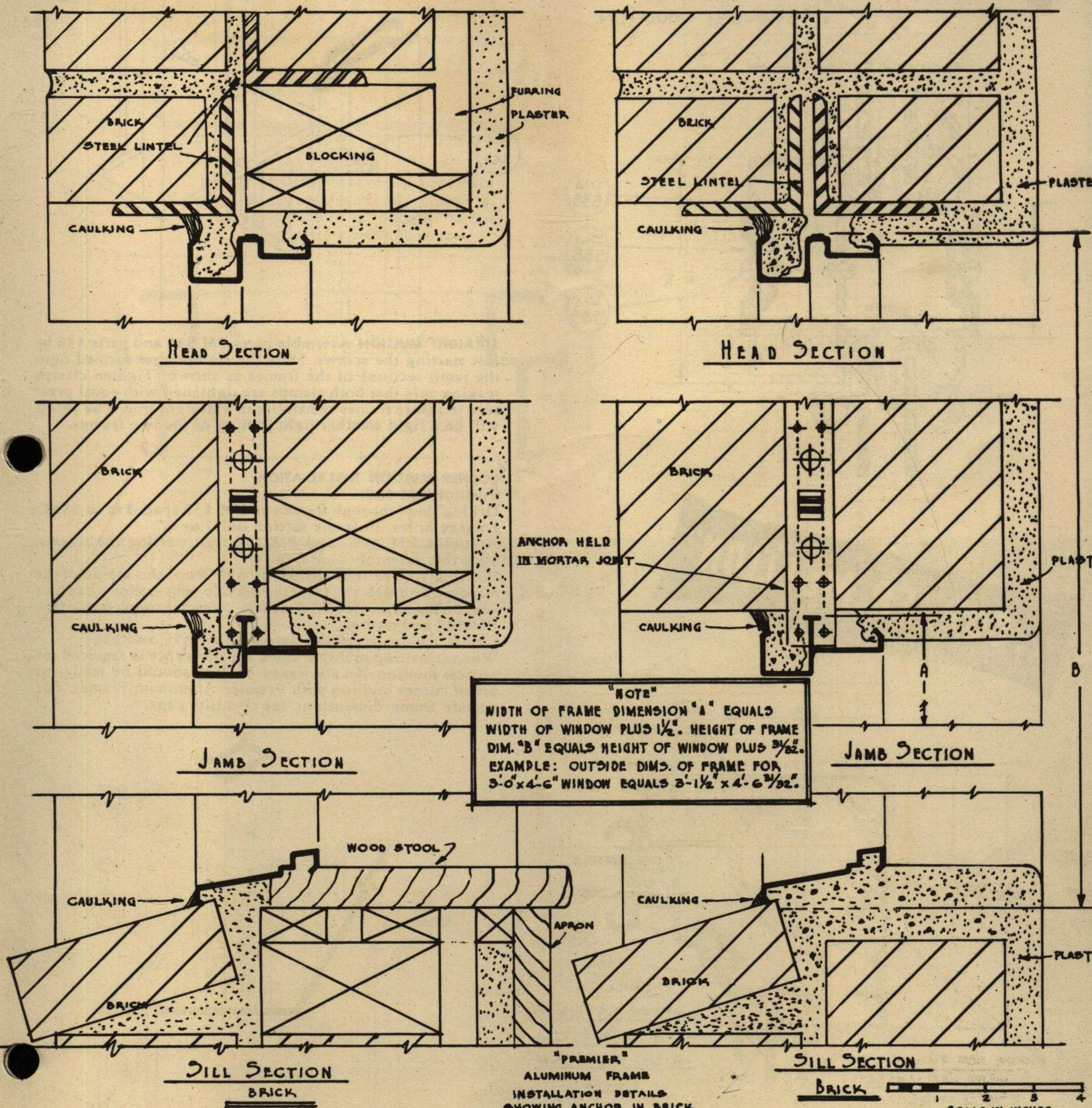
..ALUMINUM FRAMES



"PREMIER"
ALUMINUM FRAME
INSTALLATION DETAILS
SHOWING "ANCHOR" IN "FRAME"
AND "BRICK-VENEER" CONSTRUCTION

PPLICATIONS

PREMIER ALUMINUM WINDOWS



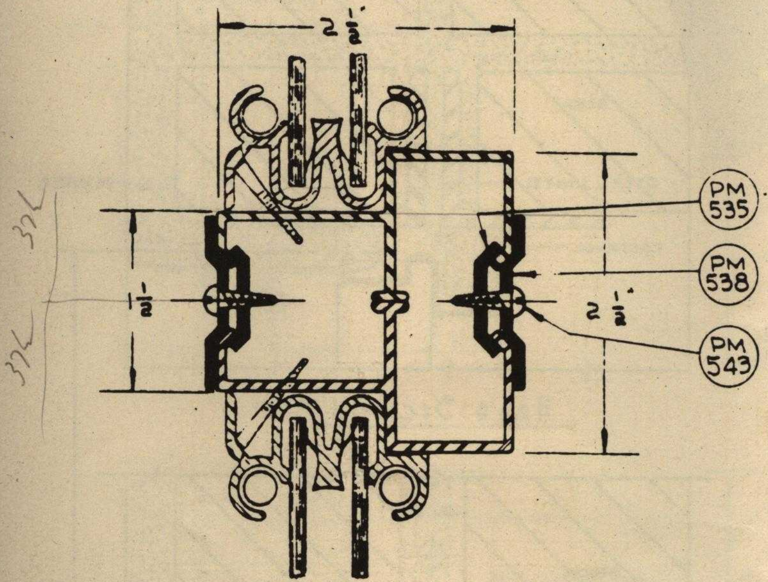
"NOTE"
WIDTH OF FRAME DIMENSION "A" EQUALS WIDTH OF WINDOW PLUS 1½". HEIGHT OF FRAME DIM. "B" EQUALS HEIGHT OF WINDOW PLUS 31/32". EXAMPLE: OUTSIDE DIMS. OF FRAME FOR 3'-0"x4'-6" WINDOW EQUALS 3'-1½" x 4'-6 31/32".

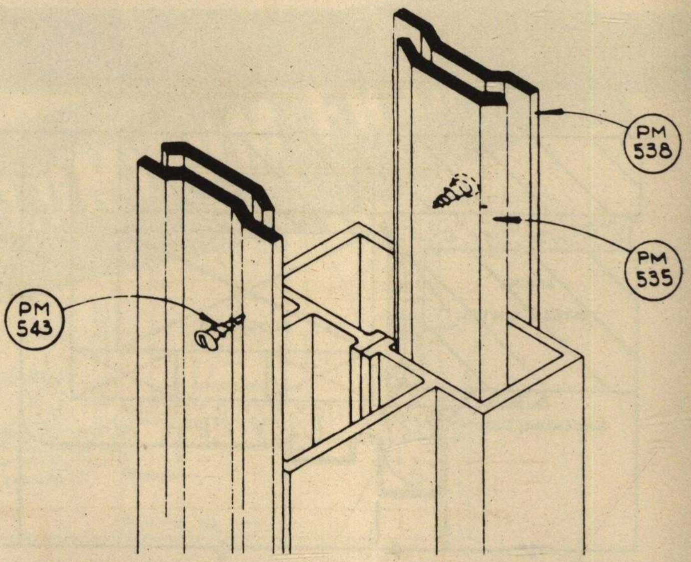
"PREMIER" ALUMINUM FRAME INSTALLATION DETAILS SHOWING ANCHOR IN BRICK

TYPICAL APPLICATIONS.. PREMIER ALUMINUM WINDOWS

..MULLION

ASSEMBLY DETAIL OF STRAIGHT MULLION

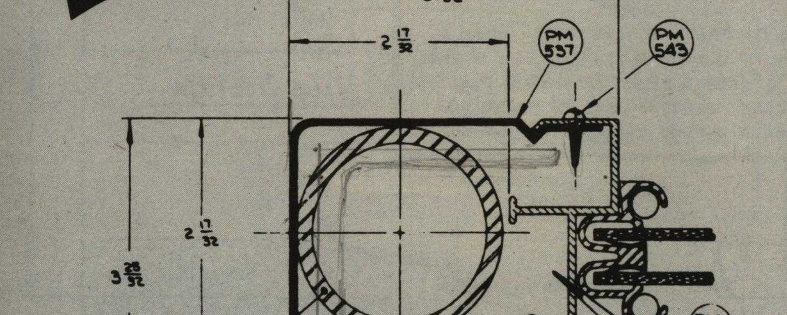




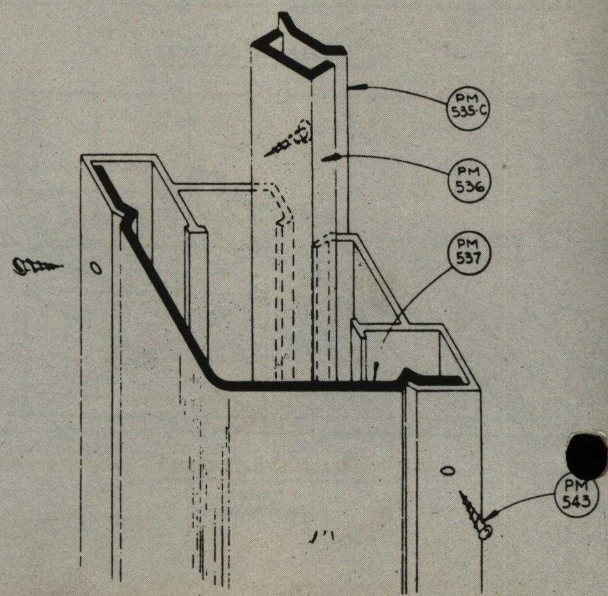
STRAIGHT MULLION Assemble parts PM 535 and parts 538 by just starting the screws. Slide the clamps thus formed onto the jamb sections of the frames as shown. Tighten clamps making sure that both clamps are tightened with equal pressure to insure frames remaining in a straight line. The result will be a rigid weather tight joining of the two frames.

..CORNER MULLION

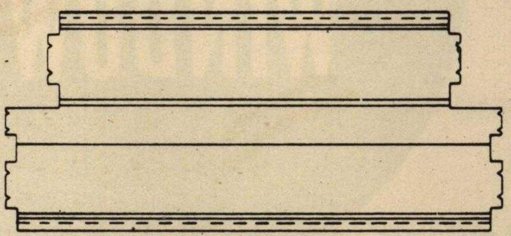
CORNER MULLION INSTALLATION
Position PM 537.
Drill 7/64" hole through frame and PM 537 spaced as in 535C.
Enlarge holes (in frame section only) to 9/64".
Assemble PM 535C and PM 536, just starting the screws. Slide this assembly onto frames.
Position frames into corner of wall from the inside of the building and PM 537 from the outside, thus enclosing corner supporting pipe (See Fig.). Insert screws through frame into PM 527 and tighten.
Finally, tighten screws in Section PM 535C and 536.
When installing multiple units, no allowance is required for vertical mullion. An allowance of 2 9/16" should be made for use of corner mullion with Premier Aluminum Frames. For outside frame dimensions see opposite page.


3 25/32"
2 17/32
PM 537
PM 543
2 17/32
3 25/32
PM 536
PM 535C
4"
37½
PIPE NOT FURNISHED & MUST NOT EXCEED 2 3/8" OUTSIDE DIA'
MULLION ALUMINUM EXTRUSIONS ARE 3/32 THICK & FULL HEIGHT OF WINDOW FRAME

ASSEMBLY DETAIL OF CORNER MULLION

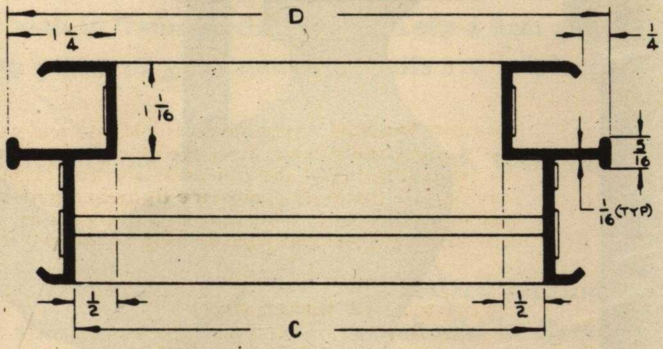


DETAIL . . PREMIER ALUMINUM FRAME

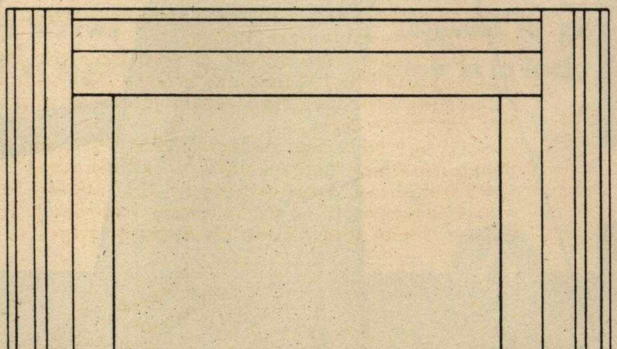


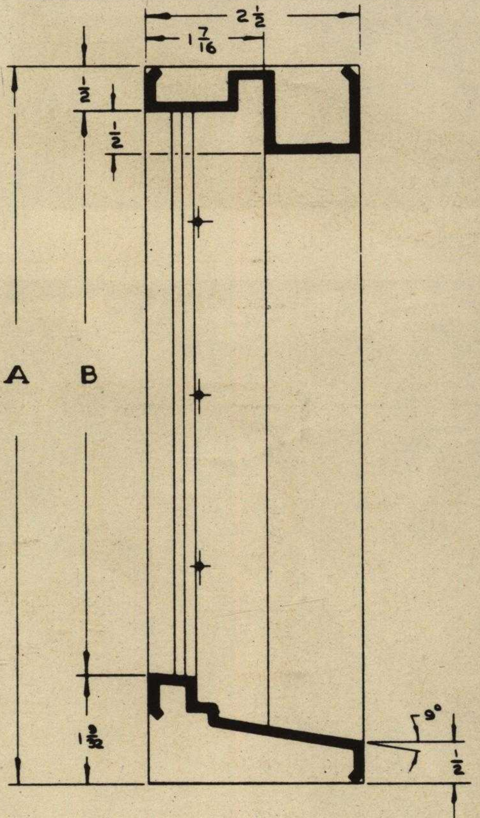
TOP SHOWN

SILL & TOP ARE NOTCHED & ASSEMBLED THRU ACCURATE SLOTS IN SIDES & RIVETED, ASSURING A SQUARE FRAME OF RIGID CONSTRUCTION



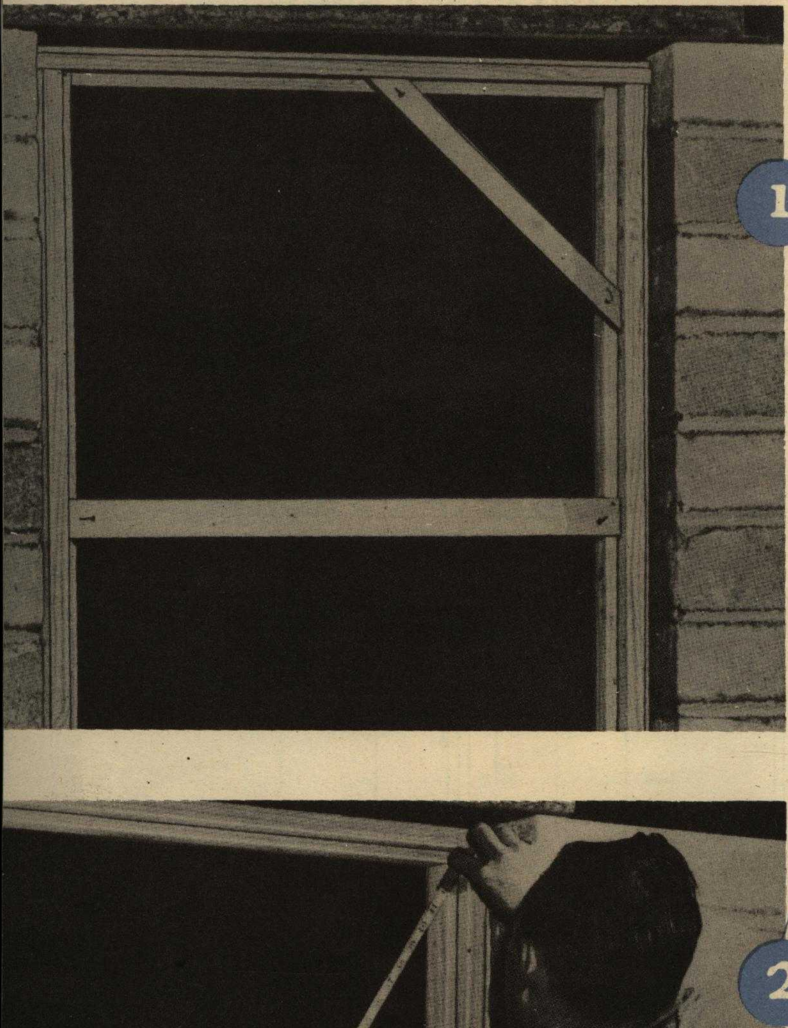
WINDOW SIZE	A	B	C	D
1-8 X 2-10	34 31/32	33 3/16	20	21 1/2
1-8 X 3-2	38 31/32	37 3/16	20	21 1/2
1-8 X 3-10	46 31/32	45 3/16	20	21 1/2
1-8 X 4-0	48 31/32	47 3/16	20	21 1/2
1-8 X 4-6	54 31/32	53 3/16	20	21 1/2
1-8 X 5-2	62 31/32	61 3/16	20	21 1/2
2-0 X 2-10	34 31/32	33 3/16	24	25 1/2
2-0 X 3-2	38 31/32	37 3/16	24	25 1/2
2-0 X 3-10	46 31/32	45 3/16	24	25 1/2
2-0 X 4-0	48 31/32	47 3/16	24	25 1/2
2-0 X 4-6	54 31/32	53 3/16	24	25 1/2
2-0 X 5-2	62 31/32	61 3/16	24	25 1/2
2-4 X 2-10	34 31/32	33 3/16	28	29 1/2
2-4 X 3-2	38 31/32	37 3/16	28	29 1/2
2-4 X 3-10	46 31/32	45 3/16	28	29 1/2
2-4 X 4-0	48 31/32	47 3/16	28	29 1/2
2-4 X 4-6	54 31/32	53 3/16	28	29 1/2
2-4 X 5-2	62 31/32	61 3/16	28	29 1/2
2-8 X 2-10	34 31/32	33 3/16	32	33 1/2
2-8 X 3-2	38 31/32	37 3/16	32	33 1/2
2-8 X 3-10	46 31/32	45 3/16	32	33 1/2
2-8 X 4-0	48 31/32	47 3/16	32	33 1/2
2-8 X 4-6	54 31/32	53 3/16	32	33 1/2
2-8 X 5-2	62 31/32	61 3/16	32	33 1/2
3-0 X 2-10	34 31/32	33 3/16	36	37 1/2
3-0 X 3-2	38 31/32	37 3/16	36	37 1/2
3-0 X 3-10	46 31/32	45 3/16	36	37 1/2
3-0 X 4-0	48 31/32	47 3/16	36	37 1/2
3-0 X 4-6	54 31/32	53 3/16	36	37 1/2
3-0 X 5-2	62 31/32	61 3/16	36	37 1/2



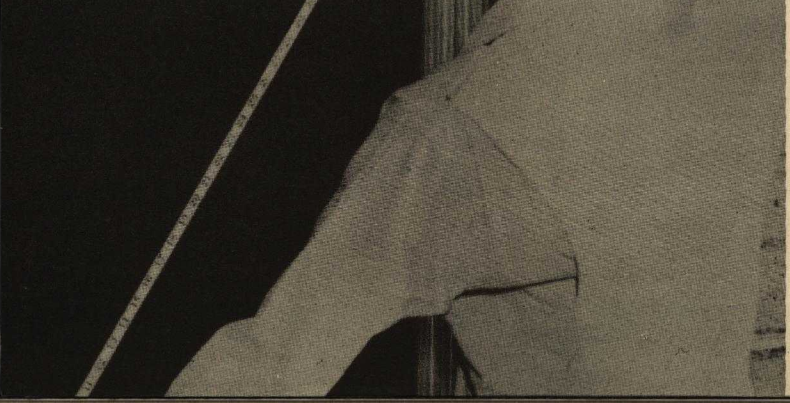


INSTALLATION PROCEDURE FOR... PREMIER ALUMINUM WINDOWS

- On these two pages is outlined proper installation procedure for Premier Sash in Wood Frames for any type of construction.



1



2

..WOOD FRAMES

1 Brace frame securely before installing in window opening to eliminate warping or binding.

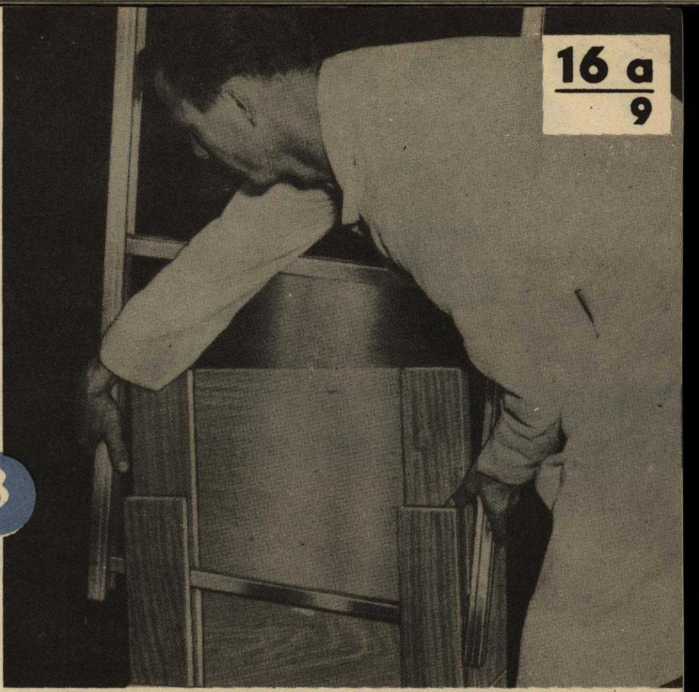
2 Before installing Premier Sash, give wood frame a final check for square.

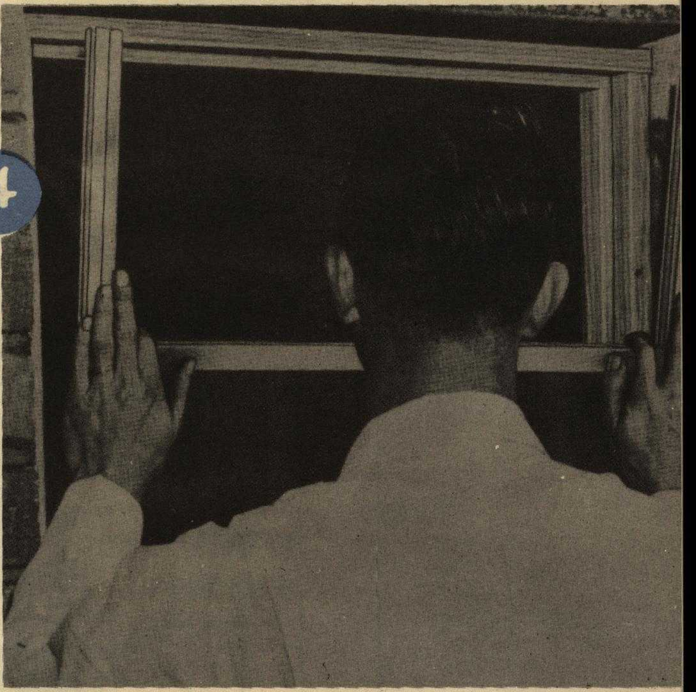
3 Remove sash from stand as illustrated. Maintain firm grasp on both the side rails and glass to prevent breakage.

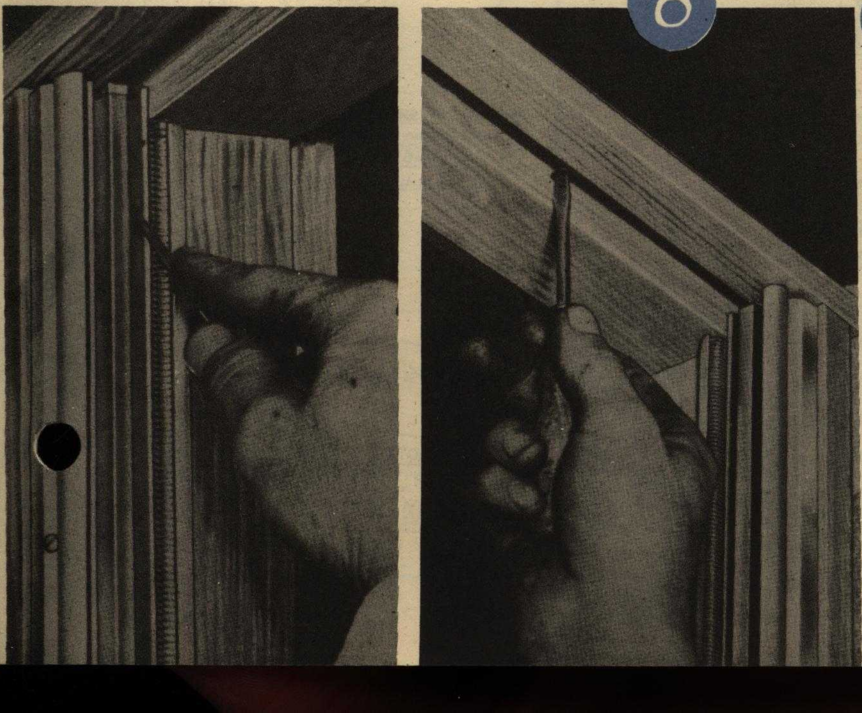
4 Install sash in frame as illustrated. Keep a firm grip on both panes of glass until side rails are in place.

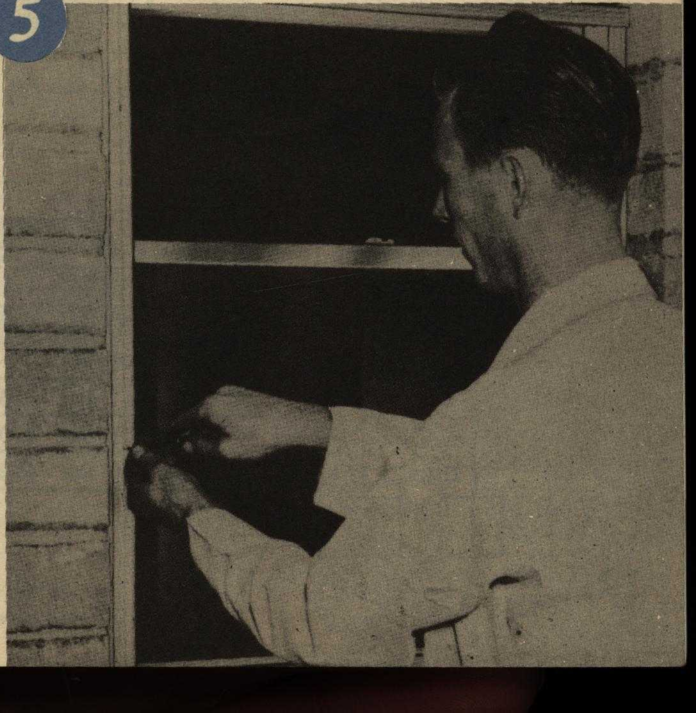
5 Install screws in side rails; center first, then top and bottom.

6 Adjust weatherstripping (left) for desired tension. Upper six inches on both side rails should be flared enough to insure proper operation of the window. Header screws (right) should be adjusted to give tight fit at top and bottom when window is in locked position.



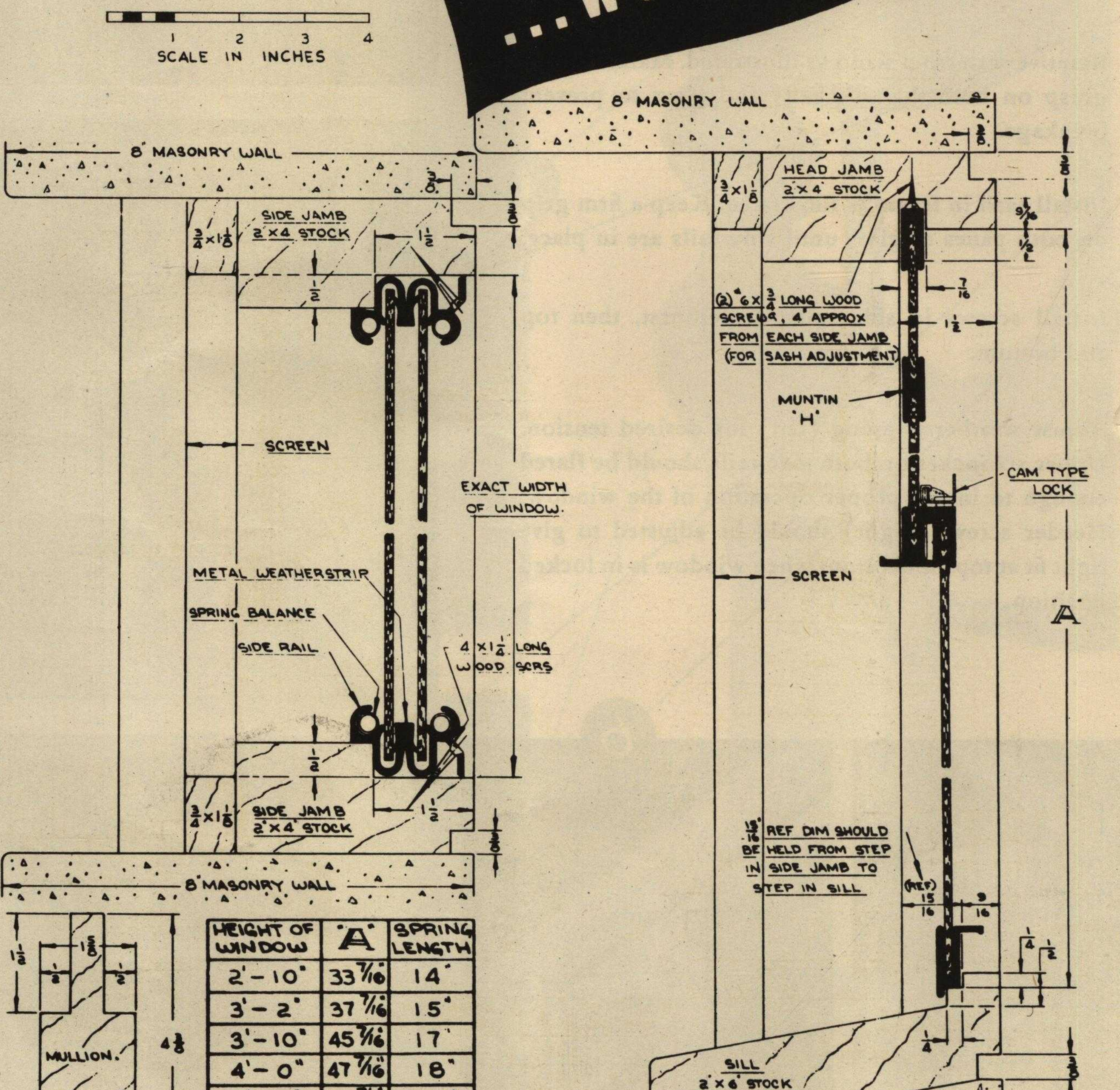






TYPICAL A

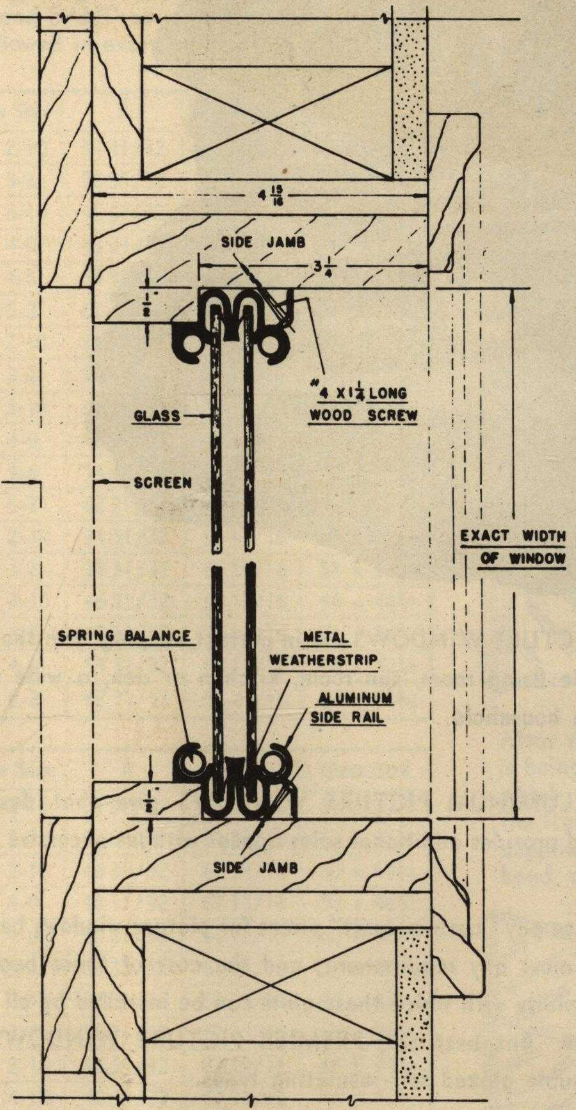
...WOOD FRAMES

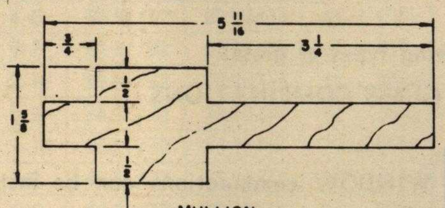


HEIGHT OF WINDOW	"A"	SPRING LENGTH
2'-10"	33 7/16	14"
3'-2"	37 7/16	15"
3'-10"	45 7/16	17"
4'-0"	47 7/16	18"
4'-6"	53 7/16	20"
5'-2"	61 7/16	22"

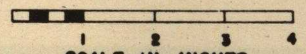
PPLICATIONS

PREMIER ALUMINUM WINDOWS



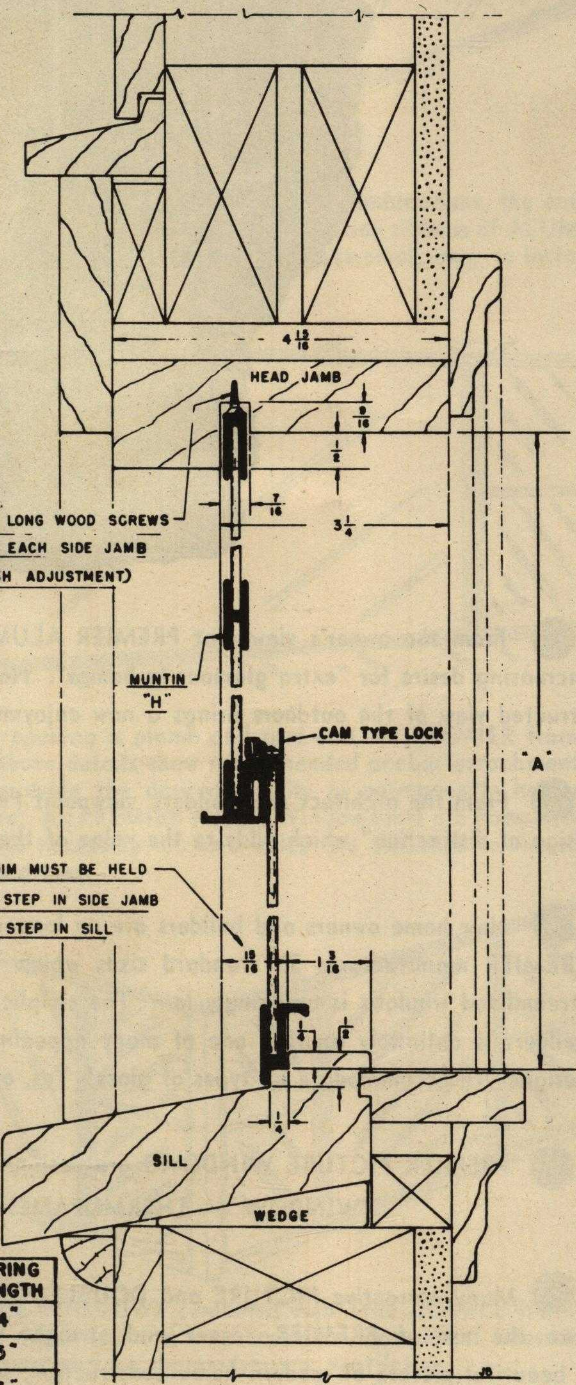


MULLION



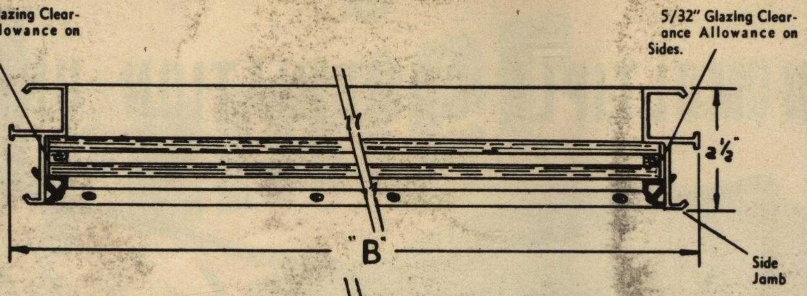
SCALE IN INCHES

HEIGHT OF WINDOW	"A"	SPRING LENGTH
2'-10"	33 $\frac{7}{16}$"	14"
3'-2"	37 $\frac{7}{16}$"	15"
3'-10"	45 $\frac{7}{16}$"	17"
4'-0"	47 $\frac{7}{16}$"	18"
4'-6"	53 $\frac{7}{16}$"	20"
5-2	61 $\frac{7}{16}$	22



NOTE- FRAMES MUST BE MADE ACCURATELY & SET SQUARE

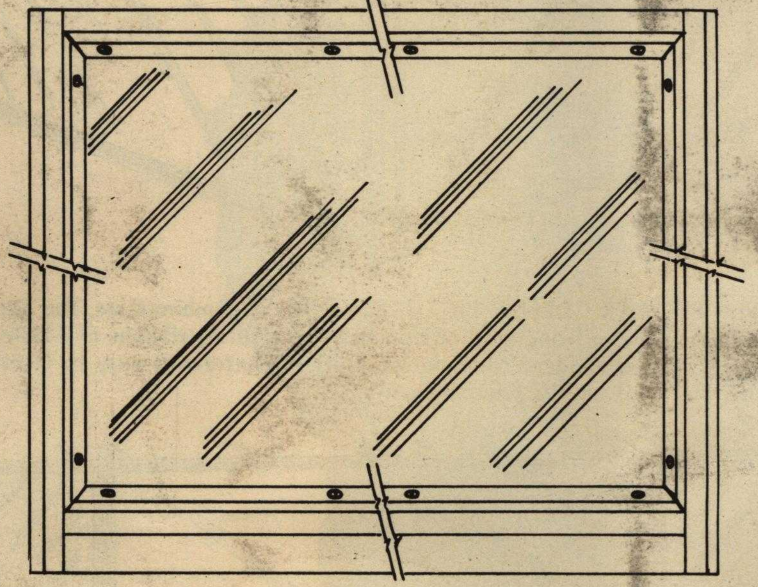
Aluminum Sash in Frame Construction


5/32" Glazing Clearance Allowance on Sides.

5/32" Glazing Clearance Allowance on Sides.

Top View

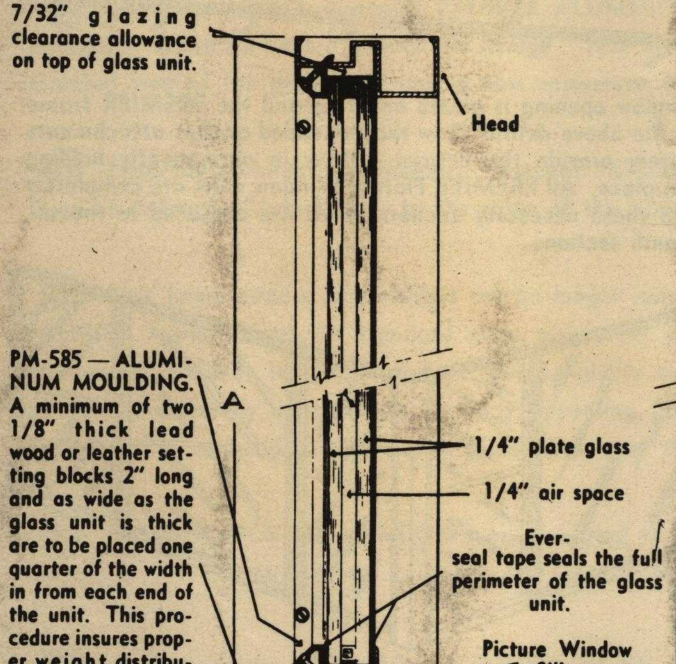
PREMIER Picture Window with Thermopane or Twindow Installation.



Inside View

PREMIER Picture Window with Suggested Glazing Procedure.

1. All openings must be square and glazing trough perfectly clean.
2. Space setting blocks in glazing trough as detailed.
3. Border the glass unit with Everseal tape (both sides). Two or three small strips of friction tape will aid in holding Everseal in place.
4. In drilling the frame for the moulding screws, place moulding against wood guide blocks (same width as glass unit) and with a thin punch or nail inserted through the moulding holes, mark the frame — then open with a 3/32" drill.
5. Place glass unit in position. Set side moulding in place and partially set moulding screws.
6. Set top and bottom moulding, and partially set screws.
7. Make final centering inspection and adjustment if necessary. CAUTION: then tighten moulding screws until the Everseal is slightly depressed giving a snug fit — NO MORE. This will provide the desired weather-repellent seal. Avoid forceful tightening as this may cause glass breakage.


7/32" glazing clearance allowance on top of glass unit.

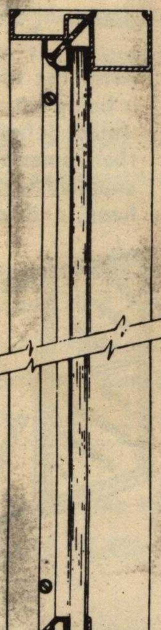
PM-585 — ALUMINUM MOULDING.

A minimum of two 1/8" thick lead wood or leather setting blocks 2" long and as wide as the glass unit is thick are to be placed one quarter of the width in from each end of the unit. This procedure insures proper weight distribution. Setting blocks and glass not furnished by Premier.

Everseal tape seals the full perimeter of the glass unit.

Side View "A"

Showing Installation or Details of the Sealed Twindow or Thermopane Unit.



Side View "B"

Showing Installation Details of a Plate Glass Unit.

PREMIER
PICTURE WINDOWS

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